By J. W. Connaway, Professor of Vet erinary Science, College of Agriculture, University of Missouri.

Notwithstanding the great good that serum has done in curing hog cholera, its importance is exaggerated. In fact, there are other and more inportant measures that should be used.

The prompt and intelligent use of quite simple measures of sanitation have unfolded, using either Bordeaux by a group of farmers whose farms mixture (three pounds copper suiadjoin will effectually rid the neighborhood of the disease. The sick hogs and the dead hogs are full of the These will contaminate feed yards, fields, roadways, streams, wagons, railroad and stock yards. ease, which causes so many specked, Dogs, pigeons and buzzards may carry knotty apples. the disease from an infected farm to other farms. But if the proper precautions are taken to isolate and destroy the infection these carriers that sulphur, 11/2 gallons to 481/2 gallons of are somewhat difficult to control be- water. Before filling the barrel with come harmless as distributors of the water, add three pounds of arsenate disease. The fact that we now have the serum to ald us does not lessen Stir the paste thoroughly in a bucket the importance of these simpler methods.

Isolate from the herd every sick hog on the first appearance of sickness. Do not wait until a diagnosis is



Quarantine Pens Should Have Poultry Netting Around Them.

made. Place the hog in a quarantine shed or pen covered with wire netting to keep out the chickens and birds. The infection will then be confined to a small space and will not reach the other animals. To destroy the germs of the disease the dead hogs should be burned; the law requires it. Use fresh air-slacked lime abundantly about the hog lots and sheds, rake up the litter and burn it or mix it thoroughly with horses' feet and shoes of the driver a rule, are infected.

on pigeons, buzzards and crows. Hogs 50 gallons. should not be given access to ponds running streams. Fence the ponds

worms. A spray of crude oil will kill grains to each 100 pounds live weight) fed in slop, on an empty stomach, is useful in expelling worms. A mixture three pounds; common salt, three pounds; sulphur, one pound; charcoal, four pounds, kept in a trough in a dry place is also a good worm preventive.

If the farmers of any neighborhood follow the recommendations made, but little hog cholera serum will be required-and farmers have time and again kept their berds free from the disease by such measures. However, when an outbreak of chol-

should be notified at once, if there is one in the county.

A balanced ration aids in keeping hogs in good health. When feeding in the dry lot corn can be balanced by feeding corn six parts and oil meal one part; or corn three parts and ship stuff one part; or corn 10 to 15 parts and tankage one part. Soybean or alfalfa hav is also excellent.

From the time rye, wheat, clover or last pasturing goes in the fall, hogs should be kept out in the fields. Rape planted in rows will make pasture rather than on permanent pastures. A to make healthy foliage in order that good three-year rotation for hogs is: Corn and cowpeas; soy beans; rape.

Shade should be provided. When throwing out corn throw it in differcorn and haul it from place to place. Water should be supplied from barrels or tanks, hauled to different equipment. places in fields where the hogs are pasturing.

Greenish, hazel an dspotted eyes are accompanied, usually, with shrewd, According to Professor Hudson, Asiatics with hazel eyes are cunning and weasel-like. Contrary to the popular notion, persons with green eyes are too indifferent in passion to be at all jealous of the opposite sex; they are, however, frequently envious of their OWB.

The bee is about the on!" insect that ever gained feminine namesakes. Deborah was a name given by the Hebrews for the bee, and owing to its popularity among the Puritans there is still to be found an occasional Deborah in the United States. Melissa, the Greek name for bee, is seldom found nowadays. broadcasting.

SERUM FOR HOG CHOLERA THE SPRAYING CALENDAR

WHAT MATERIAL TO USE AND THE BEST TIME TO USE IT.

By W. L. Howard, Professor of Horti-

culture, College of Agriculture, University of Missouri. These directions cover the main points in spraying against the common insects and diseases of the apple,

peach and cherry.

The Apple Tree. FIRST SPRAYING: Just after the first clusters of leaves have opened, but before the blossoms themselves phate, three pounds lime, 50 gallons water) or commercial lime sulphur, 11/2 gallons to 48 % gallons of water. This spraying is chiefly for the purpose of controlling the apple scab dis-

SECOND SPRAYING: immediately after the majority of the blossoms have fallen, using commercial lime of lead paste to polson the insects. of water before pouring into the sprayer, as otherwise it would sink to the bottom of the barrel in a lump. This spraying is to prevent the apple scab and is the all-important application for controlling the coddling moth and curculio, the two worst insects of the apple.

THIRD SPRAYING: Two to three Near the hilt are die-cut Roman letweeks after the blossoms fall, using ters "Sabatler Rue, France," and be either Bordeaux mixture or lime suleither Bordeaux mixture or lime sul-phur as directed under first applica-by the letters "A Paris." The question. Also add 21/2 pounds of arsenate tion at once arises: Who put the of lead paste. This spraying is for knife there, and when? The steel is the purpose of poisoning the curculio of the finest. Not even its long imand codling moth insects and prevent- mersion in the earth has eaten away ing apple scab, apple blotch, black rot the surface to any considerable ex-

and other diseases. and other diseases.

In north Missouri three sprayings ageur" camped there two hundred years ago, and forgot his knife. More Missouri, were there is danger of bit- likely some wandering Indian band enter rot, two or three additional spray- camped there and left the knife that ings will be necessary. The fourth they had bought of the French, paying application should be given six weeks for it with beaver skins. One can surafter the blossoms fall, using Bor- mise almost anything, The chances deaux mixture 4-4-50 or 5-5-50, and if are that the owner left in a hurry, for there are signs of a late brood of knives like that, even today, are valucodling moth add 21/2 pounds of ar- able, and some hundreds of years ago senate of lead. Other sprayings may would have been worth its weight in be given at intervals of two weeks, gold. Certain it is that the English using only Bordeaux mixture at the settlers did not carry French knives, rate of 5-5-50. Lime sulphur is not and this particular blade dates back reliable for preventing the bitter rot, beyond the earliest English settle

The Peach Tree. FIRST SPRAYING: A few days after the blooming period, when the calyx tube or "shuck" is just dropping off of the little peaches, spray with arsenate of lead paste two pounds, lime four pounds, water 50 gallons. (Slake the lime, mix the arsenate with water and pour in, then add water to make 50 gallons.)

SECOND SPRAYING: Three weeks after the first application, use arsenate of lead paste 11/2 pounds, the Scott self-boiled lime sulphur 8-8-50. This kind of lime sulphur cannot be bought, so it must be made at home. lime. Disinfect the wagon wheels and Slake eight pounds of lime in a box or large vessel. When it begins to when hogs have been hauled to the simmer from its own heat stir in shipping station. The stock yards, as eight pounds of fine sulphur. Stop the simmering or boiling at the end During an outbreak of cholera put of eight or ten minutes by pouring on

and pipe out the water into a trough, the fruit at near ripening time. To Keep the hogs free from lice and aid in preventing the rot it is necessary to poison the curculio insect, the lice. Santonin and calomel (six which is responsible for spreading the disease.

Sometimes a third spraying will be necessary. This should be made one of sal soda, three pounds; copperas, month before the fruit is ripe, with self-boiled lime sulphur 8-8-50. It is not necessary to add any poison. The commercial lime sulphur, even when greatly diluted, is not safe for spraying peaches, as it is liable to cause injury to both fruit and foliage.

The Cherry Tree. FIRST SPRAYING: After the leaves have begun to come out, but before the blossoms open, using Bordeaux mixture 2-3-50 or some form of era does occur the farm adviser lime sulphur, either the commercial

SECOND SPRAYING: As soon as the calyx tube is off of the young fruit use arsenate of lead paste two pounds. Bordeaux mixture 2-3-50 or self-boiled lime sulphur 7-7-50, or commercial lime sulphur 1% gallons, with water enough to make up to 50 gallons of the solution.

These two sprayings are to control the leaf spot, powdery mildew and to alfalfa starts in the spring until the poison the curculio insect, which punctures the fruit.

THIRD SPRAYING: Just after the fruit is off, using Bordeaux mixture throughout the season, and it cannot 2-3-50, self-boiled lime sulphur 7-7-50 be equaled as forage for hogs. Hogs or commercial lime sulphur 11/2 galshould be kept on the plowed fields, lons to 48% gallons of water. This is good strong fruit buds may be formed for the next year's crop.

The agricultural experiment station at the college of agriculture, Univerent places. Fill an old wagon with sity of Missouri, Columbia, will be glad to advise anyone where to buy spraying materials, pumps and other

As soon as any community gets the idea that a boy is bad, why, the boy generally gets bad just to prove it, whether he has ever done wrong before or not. It is the easiest way to quick, nervous, restless temperaments. go; public opinion has greased the toboggan and the boy takes the downward trip with very little inconvenience or scruple.

> The wife of a Chinese emperor made the first silk in 2600 B. C. In 350 Aristotle first mentions silk among the Greeks. In the twelfth century the manuaftcure of silk was carried on in Stelly, later spreading to Italy, Spain and the south of France. It was not manufactured in England before 1694.

To increase the oat yield use a pure seed of a variety adapted to your region; fan and grade the seed; treat the seed for amut; drill instead of

FIND A VERY CURIOUS KNIFE

Relic of Past Found When Stump of Apple Tree is Removed From Canton, Pa., Garden,

Philadelphia.-When the stump of an apple tree was removed from the garden belonging to E. W. Walborn, ear Canton, Pa., directly under the stump and sticking straight down in the ground was found a curious knife. The blade, from shaft to point, is 11% inches. It is 21/2 inches wide at the hilt and tapers to a needle point. The back of the blade is thick and heavy and the edge has evidently been



Two Centuries Old.

ground down to a razor-like sharpness.

HOUSE CAT IS NEARLY BAKED

ment.

The Family Pet Slept in Oven of Cook Stove and Is Nearly Burned to Death.

Waynesboro, Pa.-M. B. Ayers, Hamilton avenue, Waynesboro, almost cooked a new dish at his home.

When he retired at night he left the oven door of the kitchen stove open. To get away from the cold the family cat crawled into the oven and there curled itself up for a sleep that lasted all through the night

When Mr. Avers went downstairs in the morning to stir up the fire he closed the oven door. The cat slept on and made no protest. Then Mr. Ayers turned on the drafts and thrust the poker into the bed of coals, and stroy the worthless ones. Make war barrel and add water to bring up to in a short time he had a good fire going.

He heard the mewing of a cat, but Peaches are sprayed in order to prevent the brown rot, which destroys the animal might be on the outside. But the cat grew more persistent in its mewing and added a tone of anguish to it, and then Mr. Ayers bethought him of the oven. He opened the door and the cat sprang on to him, almost knocking him off his feet.

The animal was burned terribly, Its feet were badly charred and its body was almost baked. It is still living and is on the road to recovery.

1.000 JOBLESS MEN IN RIOT

Told by April Fool Joker Company Would Hire Man, They Go There and Break in Doors

Chicago.-One thousand clamoring men, misled by an "April fool" joker, stormed the new \$1,000,000 Soo Line freight terminal at West Twelfth and Canal streets in quest of employment. Through heavy steel gates, the locks of which were broken by the onrush, the army surged. Until attacked by a the army surged. Until attacked by a phalanx of bluecoats, under the lead-phalanx of bluecoats, under the lead-ership of Lieutenant Kelliher of the 4100 Leclede Avenue St. Louis, Missouri Maxwell street station, these menpart of the "army of unemployed"were in control of the grounds of the terminal citadel. But the policemen soon drove them back, a quarreling, cursing, disappointed throng.

It was fully an hour before the police succeeded in clearing the property of this bost of men. The invaders refused to leave until driven back by the clubs of the bluecoats. "We want work! Give us a job!"

were the cries of the men. As the crowd was driven from the rallroad property it took up a new position directly across from the plaza of the terminal. None were arrested.

YOUNG CHILD GETS PIG'S EYE

Operation in Baltimore Hospital the First of its Kind in United States.

Baltimore, Md.-What is believed to be the first operation of its kind in this country was performed at a local hospital when the cornea of a pig's eye was grafted on the sightless eye of a three-months-old boy. It was said that previous operations, in which rabbits' eyes had been used, were unsuccesaful, but that experiments with ign' eyes had led eclentists to believe that they were more adaptable. Two cases are said to be on record where the grafting of human cornea gave

sight to totally blind eyes. In the operation the pig was chloroformed, the eyeball taken out and the cornea cut from it. An extraordinarily fine needle and fine silk were used in sewing the cornes in place. eye will remain bandaged for

washboard-it ruins your clothes-it gives you a backache to look at it. Use RUB-NO-MORE CARBO NAPTHA SOAP. No rubbing required. five years of age than are the men of Clothes on the line believes that the man of forty-five or



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Cynical.

Apropos to the setback to the pure food laws administered by the recent decision of the supreme court, J. S. McWade, the Dublin sociologist, said in a food lecture: "Such a decision tends to lower our

courts. It tends to make us cynical like the sailor. "'Are you married, my man?' a woman asked a sailor.

'Yes, indeed mum-married and 14 children.

'Poor fellow, traveling about like this! And don't you ever get homesick?

'Only when I'm home, mum.'"

His Business. "That man is a denizen of the underworld." "I'm sure he doesn't look like suc

a character." "His character's got nothing to do with it. He's a miner."

Extra Special. Quest (in New York restaurant)-What's good today, Henry? Walter-You ought to try the Cave Cuddle, sir. It's got the Hesitation positively stopped!-Puck.

While the heart of the elephant is beating 30 times that of a human is pulsating 70.

Throw away your HIRES MEN OF MATURE YEARS

Chicagoan Decidedly of Opinion That Worker is at His Best in the Neighborhood of Forty-Five.

A Chicago man, a leader in the commercial life of that city, is quoted as saying: "Among the men I hire nine out of ten are better workers at fortytwenty-five or thirty." This man firmly quickly-fresh, sweet physically and mentally. He also thereabouts is at the prime of life, holds that men of mature years are more reliable and less apt to become RUB-NO-MORE restless after a year or two in a post-CARBO NAPTHA tion and to seek new fields. The aver-SOAP should be age young man, he says, is seeking a "soft snap," and is not the sort of employe who will stick by his employer through thick and thin until his services become highly valuable and, in many cases, indispensable. We often hear young men complain of RUB-NO-MORE their inability to get settled. That is largely because they do not settle, do not seek to adjust themselves to work and make the most of their opportunity. Opportunity seldom knocks at our doors. We must knock at the door of opportunity and be prepared to push the door a little if necessary .-The Living Church.

WASTED MONEY ON POSTAGE

Angered Constituent Might Have Spared Representative Reproaches Contained in Long Letter.

Representative Denis O'Leary of New York received a letter a short time ago from a constituent who expressed an earnest desire for an as sortment of garden seeds. O'Leary sent them, but there must have been a slip-up on the part of Mr. Burleson's post office department, for a few weeks later O'Leary received another note from the man deploring the fact that the seeds had never reached him.

"Why ain't I just as much entitled to seeds as anybody else?" the writer demanded. "Two of my neighbors sent for seeds the same time as I did, and one of them has had his in the ground now for six weeks already His plants is beginning to show above ground. Is it I'm not just as good as my neighbors?" And so on for a couple of pages. Then at the bottom of the letter was this brief postscript: "Them dam seeds has just arrived."

Scarcely Worth Qualifying For. In all other callings in life, men and women generally realize that they must have certain qualifications for success, but in that world-old institu tion of matrimony, they often hope to enter happily, forgetting that it is most essential to have equable qualities, and this fact brings forth an incident.

A young man of very meager culture fell in love with a young woman of decidedly superior character and intellectual attainments. He watched her career with great pride, yet never awakening to the fact that he might improve himself in many ways. One day he said to her, ardently: "Dear est, I have waited for you all these years and I shall keep on waiting until you marry me. You are the only girl I ever met who qualified." She looked him over with a studied gaze and said, "Qualified? What do you mean? Qualified for what?"

Knowledge for the Poor.

For the well man, or woman, dietetic knowledge is primarily a question of dollars and cents, but for the poor man, particularly with a family of growing children, this aspect of the case may have a very powerful effect upon health. As Dr. Graham Lusk has very well said, the laboring man's efficiency depends upon his stoking, and every man, or his wife, should be or any one of dozens of other socalled foods, which have comparatively speaking, no food value whatever. It is ordinarily estimated that a hardworking man requires about three thousand calories a day, an office man about two thousand five hundred.

"No, sir," said Tim Haley, publisher of the Chronicle, "I won't attend Judge Watson's reception. I won't give his honor a chance to add to my humilia-

The publisher was pressed for an explanation, and he finally yielded. "You understand," he confessed. that Judge Watson is exteremely sensitive about his clothes. Well, today one of our editors wrote a headline on a labor case in the judge's court which

read: "'Suit of Union Irritates Court." "This line was just two letters too long, so one of our intelligent compositors rearranged it to read: "Union Suit Irritates Court."

His Four Witnesses. A man had borrowed some money from a friend and refused to give it There had been no witnesses to up. the transaction. When the lender sued, the borrower took advantage of his constitutional right of not testifying against himself, with the result that the lender could not recover. When they met on the street some time later the lender ran up to the borrower and shouted: "I've got four witnesses anyhow who know that I loaned you the money. God and I know it and the devil and you know

Theatrical. Guest—Anything good at the the-aters this week? You know, something I couldn't take my wife to?

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Two Versions of Scripture.

"Bathhouse John" and Raymond Robins evidently gathered the material for their public speeches from the same source. Each had a different interpretation, however, of the following well known episode: Mr. Robins, speaking before the

Sunday night club, referred to the Pharisees past and present. By way of illustration, he cited the story of the Magdalene, quoting the phrase: "He who is without sin among you." On the same day Alderman Coughlin

assured his constituents of the First ward that "these stiff-necked reformers went butting in two thousand years ago the same as they do now." "You remember Mary Madgelene,"

he said, "and what she done. They A SHOE BOIL, CAPPED was about to revile her when Christ said: 'Let the feller what's never done nothin' sling the first rock.' "-Chicago Inter Ocean.

Putnam Fadeless Dyes color more oods than others.

Tactful French Prince. One hundred years ago the Count D'Artols, youngest brother of the unfortunate Louis XVI, arrived in Paris to make the necessary preparations for the return of the Bourbons and a competent fireman at this sort of their restoration to the throne. The stoking. No one, for example, having choice of Count D'Artois as an emistrouble to make both ends meet should sary on this occasion was a prudent spend money for a can of tomatoes, one, for he was perhaps the most generally liked of all the members of the exiled royal family of France. Upon his arrival in the capital of his ancestors, the crowds in the streets greeted him with demonstrations of good will. The count was visibly ing. Though worn and tired by his BLACK touched by the warmth of his greetlong journey, he declared to the depu-

> "This is the first happy day I have known in 30 years." After Dinner.

Once there were twin brothers who were as like each other as two peas. They sailed away to the South seas and went ashore upon a certain island. Cannibals caught one of them and ate him. The other managed to hide in the breadfruit fields till nightfall. Then he, too, was discovered and dragged into the middle of the village, where the men of the tribe sat around a large pot still making after-dinner speeches. The cannibals stared at the newcomer in blank amazement. Ther the chief rose and said:

"Gentlemen, let him go. He is ab solutely indigestible."

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Signature

Not Very Tired. Mamma-Aren't you tired, after playing so hard all day? Jimmy-Naw, not much.

Mamma-Well, mamma is as tired as a dog. Jimmy-Well, I'm 'bout as tired as a little dog.

No Agriculturist. "They say there is money in running

alligator farms in Florida.' "But, of course, a man has to have experience. Take me, now, I don't even know the right time of year toplant alligators."

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